

**AMENDMENTS TO THE SPECIFICATION**

Please replace paragraph [0001] with the following amended paragraph:

[0001] The present invention relates to an antenna apparatus having an antenna including a core around which an ~~insulative~~ insulation covered conductor is wound.

Please replace paragraph [0011] with the following amended paragraph:

[0011] As shown in FIGS. 3A to 3D, the antenna A is accommodated in an antenna accommodating recess 11a of the body member 11. The antenna A has flexible printed wiring board (printed board 4). A magnetic core 1 is laminated on each of a front surface and a back surface of the flexible printed wiring board to form a core 2, and an ~~insulative~~ insulation covered conductor 3 is wound around the core 2. The flexible printed board 4 further extends from a region where the ~~insulative~~ insulation covered conductor 3 is wound around the core 2, i.e., from the coiled section 5. Both ends of the flexible printed board 4 are respectively provided with a switch (electronic component 6A) and a light-emitting diode (electronic component 6B). The coiled section 5 is located between the electronic component 6A and the electronic component 6B. It is possible to use a "BUSTER AID (tradename)" produced by NEC TOKIN Corporation as the magnetic core 1.

Please replace paragraph [0015] with the following amended paragraph:

[0015] The electronic component 6 mounted on the flexible printed board 4 is appropriately be changed by a function allocated to the handle 10 in the keyless entry system. In this embodiment, a switch 6A is controlled by the controller 14 so that the switch 6A functions as a request switch.

Please replace paragraph [0021] with the following amended paragraph:

[0021] If the magnetic core 1 has magnetic characteristics such as magnetic permeability required as a core of the antenna, a material of the magnetic core 1 is not limited. For example, a composite magnetic material in which ~~soft magnetic powder~~ magnetic powder made of soft material and organic connecting material are combined as a binder can also be used other than the ~~soft ferrite~~ flexible magnetic body made of soft material.

Please replace paragraph [0026] with the following amended paragraph:

[0026] In order to reduce adverse influence caused by interaction with respect to the wire at the time of tuning operation when radio wave is sent or received, if the electricity control section 7 is provided, it is possible to control the timing of excitation of the coil, ~~energization to~~ energizing the wiring layer and the electrical connection.

**AMENDMENTS TO THE TITLE**

Please amend the title, oath or declaration excepted, to read: “EMBEDDED DOOR HANDLE  
ANTENNA APPARATUS COMPRISING A MAGNETIC CORE”